EF8-Web Receipt date: 08/18/2005 AU6 1 8 2005 JC02 Rec'd PCT/PTO 10588445.

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE equired to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduction Act of 1956, 30 persons and

TRANSMITTAL LETTER TO		ATTTORNEY'S DOCKET NUMBER BRV.10035
DESIGNATED/ELECTED C		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
CONCERNING A SUBMISSION	INTERNATIONAL FILING DATE	10/518,453 PRIORITY DATE CLAIMED
INTERNATIONAL APPLICATION NO. PCT/FR2003/001944	June 24, 2003	June 24, 2002
TITLE OF INVENTION METHOD AND DEVI	CE FOR DEPOSITING CARBON NA	ANOTUBES NANOTUBES BY PYROLYSIS
APPLICANT(S) FOR DO/EO/US Martine MAYN		
Applicant herewith submits to the United Stat	tes Designated/Elected Office (DO/EC	O/US) the following items and other information:
This is a FIRST submission of items con-	cerning a submission under 35 U.S.C. 37	1.
	bmission of items concerning a submissio	
3. This is an express request to begin natio (5), (6), (9) and (21) indicated below.	nal examination procedures (35 U.S.C. 37	1(f)). The submission must include items
4. The US has been elected (Article 31).		
5. A copy of the International Application	as filed (35 U.S.C. 371(c)(2))	
a. is attached hereto (required	only if not communicated by the Internatio	nal Bureau).
b. has been communicated by	the International Bureau.	
c. is not required, as the applic	ation was filed in the United States Receiv	ring Office (RO/US).
6. An English language translation of the	International Application as filed (35 U.S.	C. 371(c)(2)).
a. is attached hereto.		
b. has been previously submitt	ted under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the Inter	rnational Application under PCT Article 19	(35 U.S.C. 371(c)(3))
a. are attached hereto (require	red only if not communicated by the Interna	ational Bureau).
b. have been communicated	by the International Bureau.	
c. have not been made; howe	ever, the time limit for making such amend	ments has NOT expired.
d. have not been made and w	vill not be made.	
8. An English language translation of the	e amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor	(s) (35 U.S.C. 371(c)(4)).	
10. An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).	e annexes of the International Preliminary	Examination Report under PCT
Items 11 to 20 below concern document(s) or information included:	
11. An Information Disclosure Statement	under 37 CFR 1.97 and 1.98.	
12. An assignment document for recording	ng. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.		
14. An Application Data Sheet under 37 (CFR 1.76.	
15. A substitute specification.		
16. A power of attorney and/or change of	f address letter.	
17. A computer-readable form of the seq	uence listing in accordance with PCT Rule	e 13ter.2 and 37 CFR 1.821- 1.825.
18. A second copy of the published Intern	national Application under 35 U.S.C. 154(네)(4).
19. A second copy of the English language	ge translation of the international applicati	on under 35 U.S.C. 154(d)(4).
20. Other items or information: PTO/SB.	/08 and 23 documents	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

/Daniel Mccracken/

04/07/2008

PTO-1390 (Rev. 12-2004)

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			INTERNATIONAL APP	LICAT	ION NO.	ATTORNEY'S DOCK	ET NUMBER
10/518,453	DCT/EB3003/001944		BRV.10035				
	ng fees are submitted:						
a) Basic na	tional fee				300.00	\$	
b) Examina	ation fee				\$200.00	\$	
c) Search fe	ee				\$500.00	\$	
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Total claims		- 20 =	1	x	\$50.00	\$	
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claimed priority	date (37 CFR 1.492(f)).		TOTAL	L NATI	ONAL FEE =	\$	
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Raleigh, No	orth Carolina 27612			-	NAME	. Date.	<u>'</u>
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FORM PTO-1390 (REV. 12-2004)

Page 2 of 2

/Daniel Mccracken/

REGISTRATION NUMBER

10518453 - GAU: 1793

Patent Attorney Docket No. BRV.10035

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Martine MAYNE et al.

Application No.: 10/518,453 Group Art Unit: Unassigned

International Filing Date: June 24, 2003 Examiner: Unassigned

Title: Method and Device for Depositing Confirmation No.: 7851

Carbon Nanotubes or Nitrogen-Doped

Carbon Nanotubes by Pyrolysis

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. A copy of each of the documents cited and required by 37 C.F.R. § 1.98 is enclosed.

Some of the listed documents were cited in the International Search Report and in a Search Report from the French Patent Office in corresponding prior applications, copies of which are enclosed. A copy of the English translation of International Preliminary Examination Report is also enclosed.

This Information Disclosure Statement contains information which is not in the English language but was cited in a search report or other action by a foreign patent office in a counterpart foreign application. In accordance with MPEP § 609 IIIA(3), a version of the search report or action which indicates the degree of relevance found by the foreign office is being submitted herewith. English language equivalent applications also have been provided according to MPEP § 609 IIIA(3), where applicable.

To assist the Examiner, the documents are listed on the attached form PTO/SB/08. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

/Daniel Mccracken/

04/07/2008

Application No.: 10/518,453

- 10518453 - GAU: 1793

Attorney Docket No. BRV.10035

Page 2 of 2

The cited documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

The Director is hereby authorized to charge any appropriate fees that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-3218.

Respectfully submitted,

HUTCHISON & MASON PLLC

Date: 8/16/05

By: Mary B. Khant Mary B. Grant

Registration No. 32,176

P.O. Box 31686 Raleigh, NC 27612 +1.919.829.9600

Jennie Snead

(Typed Name of Person Signing Certificate)

(Signature of Person)Signing Certificate)

Date of Signing: 8/16/05

/Daniel Mccracken/

10518453 - GAU: 1793

PTO/SB/08A(08-03)

Substitute for form 1449A/PTO	Under the Paperwork Reduction Act of 1995, no persons are required Complete if Known	to respond to a collection of information unless it contains a valid OMB control number.	
INFORMATION DISCLOSURE	Application Number	10/518,453	
STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	June 24, 2003 (Int'l. Filing Date)	
	First Named Inventor	MAYNE, Martine	
	Group Art Unit	Unknown	
	Examiner Name	Unknown	
Sheet 1 of 3	Attorney Docket No: E	3RV.10035	

US PATENT DOCUMENTS			
Examiner USP Document Publication Date Name of Patentee or Applicant of cited Document Initial * Number			
	5 945 162	08/31/1999	Senateur et al.

	FOREIGN PATENT DOCUMENTS			
Examiner Initials*	Foreign Document No	Publication Date	Pages,Columns,Lines,Where Relevant Passages or Relevant Figures Appear	Abstract, Translation, English Language Equivalent or Search Report
	FR-2 707 671	01/20/1995		English equivalent provided
	WO-00/63115	10/26/2000		

	OTHER DOCUMENTS NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report		
	AGO, HIROKI ,et al., "Dispersion of metal nanoparticles for aligned carbon nanotube arrays", Applied Physics Letters, vol. 77, no. 1, pp. 79-81 (Jul. 3, 2000).			
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PTO/SB/08A(08-03)
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Substitute for form 1449A/PTO	Complete if Known	to respond to a collection of information unless it contains a valid OMB control number.
INFORMATION DISCLOSURE	Application Number	10/518,453
STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	June 24, 2003 (Int'l. Filing Date)
(Use as many sneats as necessary)	First Named Inventor	MAYNE, Martine
	Group Art Unit	Unknown
	Examiner Name	Unknown
Sheet 2 of 3	Attorney Docket No: E	BRV.10035

OTHER DOCUMENTS NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report	
	DATABASE WPI, Section Ch. Week 200273, Derwent Publications Ltd., London, GB (Apr. 3, 2002) (Doc. XP-002232175) KR 20020001392.		
	GROBERT, N. ,et al., "A novel route to aligned nanotubes and nanofibres using laser-patterned catalytic substrates", <u>Appl. Phys. A. vol. 70, pp. 175-183 (2000).</u>		
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	9, no. 8, pp. 741-747 (Sep. 1999).		

EXAMINER	/Daniel Mccracken/	DATE CONSIDERED	04/07/2008

10518453 - GAU: 1793

PTO/SB/08A(08-03)
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US Patent & Tredemark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE	Application Number	10/518,453
STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	June 24, 2003 (Int'l. Filing Date)
	First Named Inventor	MAYNE, Martine
	Group Art Unit	Unknown
	Examiner Name	Unknown
Sheet 3 of 3	Attorney Docket No: E	BRV.10035

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Abstract, Translation, English Language Equivalent or Search Report
	RAO, C.N.R. ,et al., "Large aligned-nanotube bundles from ferrocene pyrolysis", Chem. Commun., pp. 1525-26 (1998).	
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EXAMINER /Daniel Mccracken/ DATE CONSIDERED 04/07/2008